

INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

ATTY DOCKET NO.

60680-854

APPLICATION NO.

107505394

Unassigned

APPLICANT(S)

Smith

FILING DATE

08-20-04

GROUP ART UNIT

Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RI	4,639,014	01/27/1987	Tanaka et al.			
	4,696,489	09/29/1987	Fujishiro et al.			
	4,922,427	05/01/1990	Yokote et al.			
	5,101,355	03/31/1992	Wada et al.			
	5,324,069	06/28/1994	Ogawa			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			International Search Report issued in priority application PCT/US03/05116 (January 27, 2004)

EXAMINER

DATE CONSIDERED

1/20/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RI	5,367,459	11/12/1994	Shtarkman et al.			
I	5,375,872	12/27/1994	Ohtagaki et al.			
I	5,445,405	08/29/1995	Onozawa et al.			
I	5,510,989	04/23/1996	Zabler et al.			
↓	5,500,798	03/19/1996	Inagaki			

U.S. PATENT APPLICATION PUBLICATIONS

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PE	5,701,245	12/13/1997	Ogawa et al.			
	6,003,959	12/21/1999	Katayose et al.			
	6,098,007	08/01/2000	Fritz			
	6,135,390	10/24/2000	Sciulli et al.			
	6,154,658	11/28/2000	Caci			

U.S. PATENT APPLICATION PUBLICATIONS

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RE	6,223,114 B1	04/24/2001	Boros et al.			
	6,226,581 B1	05/01/2001	Reimann et al.			
	6,229,898 B1	05/08/2001	Goodman			
	5,163,704	11/17/1992	Wada			
	6,484,080 B2	11/19/2002	Breed			

U.S. PATENT APPLICATION PUBLICATIONS

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PS	5,119,297	06/02/1992	Buma et al.			
	5,123,497	06/23/1992	Yopp et al.			
	4,768,840	09/06/1988	Sullivan et al.			
	6,199,874 B1	03/13/2001	Galvin et al.			
	5,389,824	02/14/1995	Moroto et al.			

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

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(Use several sheets if necessary)

Docket Number (Optional)

60680-854

Appropriation Number

10/505394

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Applicant(s)

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Filing Date

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Group Art Unit

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RG		5,238,202	07/12/1994	Kakizaki			

U.S. PATENT APPLICATION PUBLICATIONS

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OTHER DOCUMENTS

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EXAMINER	<i>Paul H. H.</i>	DATE CONSIDERED 1/20/07

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